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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/827,441	04/20/2004	Masaaki Tanizaki	501.43771X00	2787
20457	7590	05/11/2006	EXAMINER	
ANTONELLI, TERRY, STOUT & KRAUS, LLP 1300 NORTH SEVENTEENTH STREET SUITE 1800 ARLINGTON, VA 22209-3873			ARTHUR JEANGLAUD, GERTRUDE	
			ART UNIT	PAPER NUMBER
			3661	

DATE MAILED: 05/11/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/827,441

Applicant(s)

TANIZAKI ET AL.

Examiner

Gertrude Arthur-Jeanglaude

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 27 February 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-19 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-19 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Response to Amendment

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-19 are rejected under 35 U.S.C. 102(b) as being anticipated by Shimada et al. (U.S. Patent No. 6,119,065).

As to claim 1, Shimada et al. disclose a map information device comprising a storage unit for map data recorded (See abstract) in a rectangular coordinate system; a route search unit (See abstract; col. 4, lines 45-53) for searching for a route based on information on two geographical points (start or departure and destination; See Fig. 117); an area generator unit (processing unit) (See col. 6, lines 12-29; col. 7, lines 43-51) to set an area along the route between the two geographical points by correcting a width of the area based on latitude values of the routes (See col. 4, lines 4-14; col. 7, lines 34-42); and a map search unit to then search for map data for the corrected width area and to output the map data of the corrected width area (See col.7, lines 4-9, 52-67).

As to claim 2, Shimada et al. discloses a map information device comprising a storage unit for map data (See abstract); a route search unit for searching for a route between two geographical points (start or departure, destination; See Fig. 117)) (See

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abstract; col. 4, lines 45-53); it discloses a processor unit to simplify the figure of the route by reducing a number of nodes consisting the route (See col. 6, lines 12-29; col. 7, lines 43-51); a map search unit to then search for map data for the area of the simplified route from a map database and to output the map data of the area of the simplified route (See col. 6, lines 22-29, 44-50).

As to claim 3, Shimada et al. disclose a map information device connected to a terminal comprising (see col. 13, lines 63-67): a route search unit for searching for a route based on information for two geographical points from the terminal (See abstract); a route area predictor (1142) for predicting enroute stopping points (landmarks) along the route based on the information from the terminal; an area generator unit to set a search area along the route and to expand the search area along the route in the vicinity of the predicted enroute stopping points (See col. 19, lines 18-27); and a map search unit to then search for map data for the search area, which is expanded in the vicinity of the predicted enroute stopping points, from a map database and to output the map data for the search area expanded in the vicinity of the predicted enroute stopping points (See col. 24, lines 21-38; col. 26, lines 10-25).

As to claims 12, 15, 17-19, Shimada et al. disclose the map data based on rectangular coordinates, wherein the area generator unit establishes the area by correcting a width of the area based on latitude values of the route (See col. 4, lines 4-14); col. 7, lines 9-16, 33-42).

As to claims 4-11, 13-14, 16, Shimada et al. disclose the route area predictor establishes the enroute stopping points based on predicted trip time schedule along the

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route and also discloses a processor that omits the nodes whose distance to next nodes are equal or less than a predetermined value or reducing nodes; and also teaches the extracted poi (point of interest) (See col. 6, lines 12-29; col. 7, lines 43-51; Fig. 135; col. 6, lines 35-50).


Conclusion

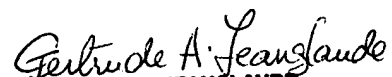
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Gertrude Arthur-Jeanglaude whose telephone number is (571) 272-6954. The examiner can normally be reached on Monday-Friday from 8:30 a.m. to 6:00 p.m..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thomas Black can be reached on (571) 272-6956. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

GAJ


May 8, 2006


GERTRUDE A. JEANGLAUE
PRIMARY EXAMINER